

February 6, 1998

MEMBERS AND ALTERNATES,
CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE

1997 ANNUAL REPORT

This 1997 annual report of actions taken by the California Traffic Control Devices Committee is respectfully submitted in compliance with the CTCDC Bylaws.

Sincerely,

Jack M. Kletzman
Executive Secretary, CTCDC

**CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE
1997 ANNUAL REPORT**

This report is prepared in compliance with Article V of the bylaws of the California Traffic Control Devices Committee.

1997 Voting Members

Mr. Wayne Tanda	Chairman, LOCC, City of San Jose, 4 North Second Street, Suite 1000 San Jose, CA 95113
Ms. Merry Banks	Vice Chairman, California State Automobile Association, 150 Van Ness Avenue San Francisco, CA 94102-1860
Mr. Bruce Carter	CSAC, Shasta County, Department of Public Works, 1855 Placer Street Redding, CA 96001
Capt. Joe Farrow & Capt. Ron Newton	California Highway Patrol, 2555 First Avenue Sacramento, CA 95818
Mr. Dick Folkers	LOCC, City of Palm Desert, 73-510 Fred Waring Drive Palm Desert, CA 92260
Mr. Gary Foxen & Mr. Ray Mellen	Auto Club of Southern California, 3333 Fairview Road, A131 Costa Mesa, CA 92626
Mr. Jack Kletzman & Mr. Gerry Meis	California Department of Transportation, 1120 N Street Sacramento, CA 95814
Mr. John Wallo	CSAC, San Luis Obispo County Traffic Department, Court House Annex, Osos and Palm Streets San Luis Obispo, CA 93408

The following alternate members were designated by the parent organizations to act in the absence of their appointed delegates:

Mr. Richard Backus	Auto Club of Southern California, 3333 Fairview Road, A131 Costa Mesa, CA 92626
Lt. Pat Burnett	California Highway Patrol, 2555 First Avenue Sacramento, CA 95818
Mr. Jerry Hahs	LOCC, City of Imperial, 420 South Imperial Avenue Imperial, CA 92251
Mr. Jack Kletzman	California Department of Transportation, 1120 N Street Sacramento, CA 95814
Mr. Dwight Ku	California State Automobile Association, 980 Ninth Street, Suite 1520 Sacramento, CA 95814
Mr. Farhad Mansourian	CSAC, Marin County, Department of Public Works, P.O. Box 4186 San Rafael, CA 94913
Mr. Chris Ramstead Box 1460	CSAC, Los Angeles County, Department of Public Works, P.O. Alhambra, CA 91802-1460
Mr. Ed Von Borstel	LOCC, City of Modesto, P.O. Box 642 Modesto, CA 95353

Secretary

Mr. Jack Kletzman	California Department of Transportation, 1120 N Street Sacramento, CA 95814
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MEETINGS

January 30, 1997	City Council Chambers Civic Center	Palm Desert
July 17, 1997	City Council Chambers Civic Center	Walnut Creek
November 5, 1997	District Auditorium Caltrans District 12	Santa Ana

1997 CTCDC AGENDA ITEMS

<u>Agenda Item No.</u>	<u>Title</u>
91-6	EMERGENCY MEDICAL CARE
92-4C	LED STUDY, OTHER LOCAL AGENCIES
92-18	GOLF CART SYMBOL SIGN
93-10	SIGNING, YELLOW GREEN SPECTRUM
93-14	SPEED CONTROL SIGN, EXPERIMENTATION REQUEST
93-18	CROSS WALKS, SEQUENTIAL LIGHTING
94-3	STOP SIGNS AT MID BLOCK
95-7	SELF ILLUMINATING SIGNS
96-4	ITE PURCHASE SPECIFICATION FOR LED TRAFFIC SIGNAL MODULES
96-7	SPEED LIMIT SIGNING
97-1	CTCDC BYLAWS
97-2	TODS SIGNING
97-3	GUIDELINES FOR EXPERIMENTATION
97-4	SPONSORS RESPONSIBILITIES
97-5	STATUS OF EXPERIMENT FORMS
97-6	PARKING SIGNS (TM Chapter 8-02)
97-7	PEDESTRIAN HAND LED SYMBOL
97-8	ELECTRIC VEHICLE CHARGING STATION SIGN
97-9	ELECTRIC MESSAGE SIGNS AND ARROW BOARDS
97-10	TRB RESEARCH FOR LOCAL AGENCIES
97-11	RAISED PAVEMENT MARKERS ON ISLANDS

Information Items

93-12	PEDESTRIAN CROSS WALKS
96-A	FOREIGN TRAFFIC CONTROL DEVICES
97-A	STATUS OF FEDERAL STANDARDS FOR SIGN REFLECTIVITY

COMMITTEE ACCOMPLISHMENTS

Item 91-6 Completed a discussion concerning whether the EMERGENCY MEDICAL CARE symbol sign should be installed under permit by local agencies. Caltrans had approved the sign at the request of local agencies. One Committee member questioned whether it was legal to use local agency money for a State facility. The original intention was to have the medical facility pay for the sign. No change was recommended.

Item 92-4C Endorsed a letter advising local jurisdictions that since a red LED specification had been adopted by Caltrans, there was no need for further experimentation.

Item 92-18 Recommended approval of a Golf Cart Symbol Sign and appropriate educational plates. These supplemental plates include GOLF CART ROUTE, GOLF CART LANE, GOLF CART XING, and GOLF CART PARKING.

Item 93-14 Did not recommend approval of a proposed speed control symbol sign and rejected a motion to develop an appropriate symbol sign to advise motorists of technology enforced speed limits. This issue may be brought up again, after the position of the National Committee is reviewed. The Committee expressed appreciation for the public service of the City of Tustin and the firm of Hartzog & Crabil.

Item 93-18 Recommended that Caltrans develop specifications and standards for a pedestrian flashing light system, including a height based on the safety of bicycles and motorcycles.

Item 94-3 Recommended adoption of the proposed Guidelines for STOP Signs at Non-Intersection Locations with modifications. The modifications were to replace the last four paragraphs with

1. Where traffic signals are warranted and urgently needed, the mid-block stop may be installed as an interim measure.
2. Where the warrants for a multi-way STOP sign are met.
3. Where a combination of high speed, restricted view, delay and reported traffic collisions indicates a need for STOP sign control and less restrictive traffic control devices have proven unsuccessful.

The Committee also recommended deletion of the 175' minimum distance from the intersection and the prohibition against use on State highways. The Committee wanted the additional requirement that whenever mid-block STOP signs are installed, limit lines or a crosswalk shall also be installed. Neither the Committee nor Caltrans, advocate the use of mid-block crosswalks. The Committee was merely providing guidelines for potential users, in reaction to changes in the Vehicle Code.

Item 95-7 Determined that the Cogar device is equivalent to an internally illuminated sign and may be used of roads in California.

Item 96-4 Endorsed the proposed Caltrans Standard Special Provision for red LEDs and encouraged Caltrans to adopt a full specification. ITE, based on comments concerning its draft specification, had decided to do additional investigation rather than approve the draft. Since the Caltrans specification was based on the ITE draft, Caltrans would either revise its draft to stand alone, or wait for ITE to approve its specification. Caltrans adopted a stand alone specification.

COMMITTEE ACCOMPLISHMENTS (continued.)

Item 96-7 Endorsed a proposed revision to the Traffic Manual subject to, elimination of a repetitive line, inclusion of the 65 mph with the 70 mph maximum spacing , and elimination of the verbiage “from significant traffic generators.” With the advent of a number of maximum speed limits, the Auto Club of Southern California felt that there were not enough speed limit signs for motorists. Caltrans agreed but felt the original proposal went too far. This endorsement represents a compromise.

Item 97-1 Recommended approval of revised by-laws. Existing by-laws were reorganized and revised to more accurately reflect Committee operations. The parent organizations approved the revision.

Item 97-2 Recommended disapproval for a symbol sign depicting a brandy snifter and approval for the remaining TODS symbol signs. These signs originate from the Office of Tourism and are enforced by Caltrans’ Office of Permits under AB 2239 and SB 768. Nevertheless Caltrans’ Office of Signing and Striping must approve any sign which is placed in a road. Additional TODS symbol signs were subsequently presented to the Committee. There were no objections to the symbol signs but the Committee sought copies of the legislation and sign specifications. The legislation had already been given to the Committee and the sign specifications were included in the first sheet of the previously approved TODS sign package. In view of this and the need of the Office of Tourism for prompt action, Caltrans approved these three symbol signs.

Item 97-3 Approved revised Guidelines for Experimentation, subject to defining the California Traffic Control Devices Committee as the Committee.

Item 97-4 Approved the Sponsors Responsibilities guidelines, subject to having the sponsor responsible for obtaining a written status report, and that when a Committee opinion were sought, the determination of whether a device is an official traffic control device need not be agendized.

Item 97-5 Approved the Status of Experiment Forms, subject to changing the “signature” to “applicant’s signature” and the addition of applicants name, address, and FAX number to the form.

Item 97-6 This Item, PARKING SIGNS (TM Chapter 8-02), was withdrawn. The issue is closely linked to Item 91-6, with respect to who should pay for signs on the State Highway System. Because both Caltrans and local agencies have a need to erect signs on the State Highway System, Caltrans has a flexible policy to allow for a variety of agreements. This is thought to be more appropriate than having a fixed policy of only having Caltrans installations.

Item 97-7 Endorsed the Caltrans pedestrian hand LED symbol specification.

Item 97-8 Recommended that Caltrans adopt the electric vehicle charging station signs.

SUMMARY OF ACCOMPLISHMENTS 1997

- 1 item carried over from 1990
- 1 item reintroduced from 1991
- 4 items carried over from 1992
- 6 items carried over from 1993
- 2 items carried over from 1994
- 1 items carried over from 1995
- 1 item reintroduced from 1995
- 3 items carried over from 1996
- 11 items introduced in 1997
- 21 items considered in 1997
- 9 items not considered in 1997
- 17 items completed in 1997
- 4 items withdrawn in 1997

ITEMS CARRIED INTO FUTURE YEARS

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| Item 93-10 | SIGNING, YELLOW GREEN SPECTRUM |
| Item 97-9 | ELECTRIC MESSAGE SIGNS AND ARROW BOARDS |
| Item 97-10 | TRB RESEARCH FOR LOCAL AGENCIES |
| Item 97-11 | RAISED PAVEMENT MARKERS ON ISLANDS |

ITEMS WITHDRAWN OR DELETED 1997

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| Item 93-2 | LED STUDY, CALTRANS |
| Item 93-4 | CONVEX MIRRORS |
| Item 93-12 | PEDESTRIAN CROSSWALKS |
| Item 95-9 | LEFT TURN LANE PROTECTIVE/PERMISSIVE SIGN |

ITEMS NOT CONSIDERED 1997

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| Item 90-7 | BICYCLE SIGNAL HEADS |
| Item 92-4A | TRAFFIC SIGNAL DIMMING, CITY OF SAN JOSE |
| Item 92-4B | L.E.D. STUDY, CITY OF SAN JOSE |
| Item 94-10 | PEDESTRIAN SIGNAL HEAD |
| Item 96-3 | ILLUMINATED LEFT TURN YIELD SIGNS |

STATUS OF EXPERIMENTAL ITEMS

Item 90-7 BICYCLE SIGNAL HEADS

No report in 1997.

Item 92-4A TRAFFIC SIGNAL DIMMING

No report in 1997.

Item 92-4B LED STUDY, CITY OF SAN JOSE

No report in 1997.

Item 93-2 L.E.D. STUDY BY CALTRANS

Caltrans District 4 (Oakland) will use the new specification. Caltrans District 6 (Fresno) will replace first generation LEDs with newer LEDs in accordance with a relamping program. This item is withdrawn.

Item 93-10 SIGNING, YELLOW GREEN SPECTRUM

The Committee is awaiting Federal action.

Item 93-12 PEDESTRIAN CROSSWALKS

This item has been withdrawn.

Item 94-10 PEDESTRIAN SIGNAL HEAD

No report in 1997.

Item 95-9 LEFT TURN LANE PROTECTIVE/PERMISSIVE SIGN

This item has been withdrawn.

Item 96-3 ILLUMINATED LEFT TURN YIELD SIGNS

No report in 1997.

MISCELLANEOUS

Captain Ron Newton has replaced Captain Joe Farrow as the representative for the California Highway Patrol. Mr. Gerry Meis has become the Caltrans representative. Mr. Ray Mellen has replaced Mr. Gary Foxen for the Auto Club of Southern California. New alternate members are Mr. Richard Backus for ACSC, Mr. Jerry Hahs for LOCC, and Mr. James Larsen for CSAC.

CTCDC Agenda and Minutes are available on the Internet at "<http://www.dot.ca.gov/hq/traffops/>" under New Standards and Technology Home Page.

Additional information regarding the minutes of the CTCDC meetings held during 1997 may be obtained upon request from the Executive Secretary or any member of the California Traffic Control Devices Committee.

Respectfully submitted,

Jack M. Kletzman
Executive Secretary, CTCDC
(916) 654-4715

SIGN SPECIFICATIONS

All additions, revisions and deletions of approved sign specifications made by Caltrans during 1997, will be distributed under separate cover.

As provided in California Vehicle Code Sections 212400 and 21401, a list of approved signs for use on streets and highways in California is available from the Caltrans Manuals and Publications Unit, 1900 Royal Oaks Drive, Sacramento, CA 95815.